

IADC Drilling Control Systems Sub-Committee

(Advanced Rig Technology Group)



Control Motions Analysis (Led By Svein Ove Anesland - NOV)

Primary Control - Standard Assumption						
Activity	NOV Cyberbase Standard	NOV Amphion Standard	NOV V-ICIS Standard	TTS Sense Standard X-Com	Aker Solutions Standard	Hitec Products Standard
Slips-Open	Double Push Right Joy-stick button	Top right button on Joy-stick	Switch Left	Double Push Right Joy-stick button	Right Joy-stick top switch 1 + confirm left Joy-stick ts. 3.	Pushbutton
Slips-Closed	Double Right Push Joy-stick button	Bottom right button on Joy-stick	Switch Right	Double Push Right Joy-stick button	Right Joy-stick top switch 1 + confirm left Joy-stick ts. 3.	Pushbutton
Drawworks Hoist	Right Joy-stick Backwards	Joy-stick Backward	Right Joy-stick Backwards	Right Joy-stick Backwards	Right Joy-stick backwards	Joy-stick Backwards
Drawworks Lower	Right Joy-stick Forward	Joy-stick Forward	Right Joy-stick Forwards	Right Joy-stick Forward	Right joystick forward	Joy-stick Forward
Elevators Open	Double Push Left Joy-stick button	Switch Left	Switch Left	Double Push Left Joy-stick button	Left Joy-stick ts. 1 + confirm left Joy-stick ts. 3.	Pushbutton
Elevators Close	Double Push Left Joy-stick button	Switch Right	Switch Right	Double Push Left Joy-stick button	Left Joy-stick ts. 1 + confirm left Joy-stick ts. 3.	Pushbutton

Deadman Switch functionality	Possible but not standard		Not Initially	Standard	Joy-stick activation switch	Pushbutton
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Secondary Control - To be discussed later